FIGURE 1 (Sheet 1 of 8)

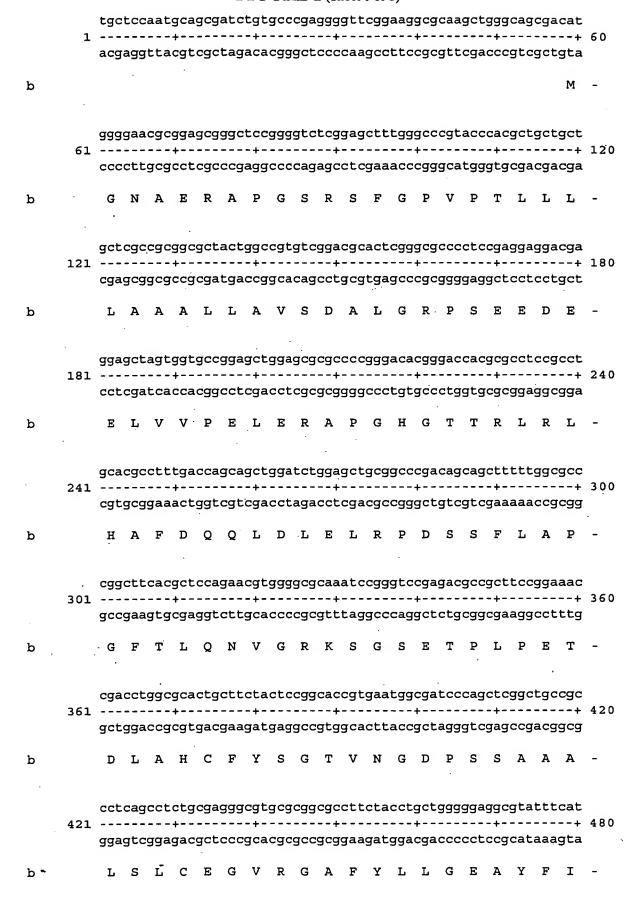


FIGURE 1 (Sheet 2 of 8)

	401	ccas																				540
	401	ggt																				340
b		Q	P	L	P	A	A	s	E	R	L	A	T	A	A	P	G	E	ĸ	P	P	-
																			•			
	541	ggca																				600
		ccgt	tgg	tga	tgt	caa	ggt	gga	ıgga	cgc	cgc	ctt	ago	cgt	ccc	gct	gca	gcc	gcc	:gtg	cac	
b		A	P	L	Q	. F	H	L	L	R	R	N	R	Q	G	D	V	G	G	T	С	-
		caaa	-a-	cat.	aaa	cas	cca	acc	יככם		יתם	taa	m = =	200	ora =	and a	,ca=	2012	cas	iaas	cca	
	601	cggg			+			-+-			+				+			-+-			+	660
		gcc	cca	gca	cct	gct	gct	cgg	ggc	cgg	ctg	acc	ctt	tcg	cct	ctg	gct	tct	gct	.cct	gct	
b		G	v	V	D	D	E	P	R	P	T	G	K	A	E	T	E	D	E	D	E	-
				.		~~~	~~~	~~~			+	~+~	~ + ~	.~~	~~~	~~-			+			
	661	aggg																				720
		tcc	ctg	act	CCC	gct	cct	gct	tcc	ccg	agt	cac	cag	cgg	cgt	cct	999	ccg	tga	.cgt	tcc	
b		G	T	E	G	E	D	Ε	G	A	Q	M	S	P	Q	D	P	A	L	Q	G	-
		cgta	aca	aca	acc	cac	aaa	aac	taa	aag	cat	aad	aaa	gaa	aca	att	tat	ato	cad	rtca	cca	
	721				+			-+-			+				+			-+-			+	780
		gcat	LCC																		.ggc	
b		V	Ģ	Q	P	Т	G	Т	G	S	·I	R	K	K	R	F	V	s	S	H	R	-
		ctat	tate	qqa	aac	cat	gct	tgt	ggc	aga	.cca	gto	gat	ggc	aga	.att	сса	.cgg	cag	tgg	tet	
	781				+			-+-			+				+			-+-			+	840
		gata															•					
ь		Y	V	Е	Т	M	L	V	A	D	Q	S	М	A	E	F	H	G	S	G	L	-
	841	aaag																				900
		ttt																				
b		K	н	Y	L	L	T	L	F	s	v	A	A	R	L	Y	K	н	P	s	I	-
	901	tcgt			_	_				-	-	-					_			_		960
		agca	atta	aag	tca	atc	gga	cca	.cca	cca	ctt	cta	gaa	.cca	gta	ggt	gct	act	tgt	ctt	ccc	
b		R	N	s	v	s	L	v	v	v	K	I	L	v	I	H	D	E	Q	ĸ	G	_

FIGURE 1 (Sheet 3 of 8)

	961	gcc																				1020
	961		geetteactggaggttacgacgggagtgagacgeettgaaaacgttgaccgtettegt														1020					
b		P	E	v	T.	s	N	A	A	L	T	L	R	N	F	С	N	W	Q	ĸ	Q	-
					•																	,
	1021	gca																				1080
	1021	cgt																				
b		Н	N	P	P	s	Ď	R	D	A	E	H	Y	D	T	A	I	L	F	T	R	-
		•													•							
		aca	qqa	ctt	ata	tgg	gtc	cca	gac	atgi	tgai	taci	tct	Ėgg	gat	ggci	tgai	tgti	tgga	aaci	gt	
	1081		-,		+			-+-			+				+			-+			+	1140
		tgt																		- Luga	aca	
b		Q	D	L	С	G	S	Q	Т	С	D	Т	L	G	M	A	D	V	G	Т	V	. 197
		gtg	tga	tcc	gag	caq	aaq	ctq	ctc	cat	cata	aga.	aga	tqa	taa	ttta	acaa	agci	tgc	ctt	cac	
	1141				+			-+-			+				+			- +		- - -	+	1200
		cac							gag												_	
b		С	D	P	S	R	S	С	S	V	Ι	Ε	D	D	G	L	Q	, A	A	F	Т	-
		cac	agc	cca	tga	att	agg	cca	cgt	gtt	taa	cat	gec	aca	tga	tgai	tgc	aaa	gcag	gtgi	tgc	
	1201			· -	+			-+-			+				+			-+-			+	1260
									gca 													-
b		Т	A	Н	E	L	G	н	V	F	N	М	Р	н	מ	ע	A	K	Q	C	A	-
		cag	cct	taa	tgg	tgt	gaa	.cca	gga	ttc	cca	cat	gat	ggc	gtc	aat	gct	ttc	caa	cct	gga	
	1261				+			-+-	-		+	-			+			-+-			+	1320
,								•	D													_
b		S	יו	N	G		IN	Q	ע	5	Д	M	M	A	٦	141	ш	ی	14		.	
		cca	.cag	сса	gcc	ttg	gtc	tcc	ttg	cag	tgc	cta	cat	gat	tac	atc	att	tct	gga	taai	tgg	
	1321				+		- 	-+-			+				+			-+-	- :		+	1380
b		Н	5	Q	ים	W	5	ע	С		A	1	M	1	. 1	a	r	ם	Ų	14	G	-
		tca	tgg	gga	atg	ttt	gat	gga	caa	gcc	tca	gaa	tcc	cat	aca	gct	ccc	agg	cga	tct	ccc	
•	1381				+			-+-			+				+			-+-	:		+	1440
															_	_			_			

FIGURE 1 (Sheet 4 of 8)

b		H	G	Ε	С	L	М	D	K	P	Q	N	₽	Ι	Q,	L	P	G	D	L	P	-
								•													aca	
	1441	acc																				1500
b		G	Т	s	Y	D	A	N	R	Q	С	Q	F	T	F	G	E	D	S	K	н	-
	1501	ctg																				1560
	1301	gac																				
b		С	P	D	A	A	S	Т	С	S	Т	L	W	C	Т	G	T	s	G	G	V	-
	1561	gct																				1620
		cga																				
b		L,	V	C	Q	T	K	Н	F	P	W	A	D	G	Т	·S	С	G	Е	G	K	-
	1621	atg																				1680
		tac			gtt	gcc	gtt	cac	aca	.ctt	gtt		ggt	gto	ttt	cgt	aaa					
b		W	С	Ι	N	G	K	С	V	N	K	Т	н	R	K	Ħ	F	D	Т	P	F	_
	1681	tca																				1740
		agt	acc	ttc	gac	ccc	tta	cac	ccc	cgg	aac	ccc	tct	gac	aag		ttg	cac	gcc	acc	tcc	
b		Н	G	S	W	G	M	W	G	P	W	G	D	С	S	R	T	С	G	G	G	-
•	1741				+			-+-			+				+			-+-			+	1800
		tca			•																	
b		V	Q	Y	Т	M	R	E	С	D	N	P	V	P	K .	N	G	G	K	Y	С	-
	1801				+			- + -			+				+		-	-+-			+	1860
		act	•						_				_									
b		E	G	K	R	V	R	Y	R	S	С	N	L	Ε.	D	С	P	D	N	N	G	-
•	1961	aaa		cťt	tag				_	_	-			-	-			-				1920

FIGURE 1 (Sheet 5 of 8)

tttttggaaatctctccttgttacacttcgtgtgttgctcaaaagttttcgaaggaaacc

b		K	Т	F	R	E	E	Q	С	E	A	н	N	E	F	s	ĸ	A	s	F	G	-
	1921				+	ggt cca		-+-			+				+	 -		-+-			+	1980
b		s	G	P	A	, v	E	W	I	P	K .	Y	A	G	v	s	P	ĸ	D	R	C	-
b	1981	gtt	 .cga	 gta	+ gac		 tcg	-+- gtt		 gta	+ acc	gat			+			-+-			+	2040
			_	_		-				-		-		•		_	*	•		Ť		
	2041				+	atg tac		-+-			+				+			-+-			+	2100
b		D	G	T	P	С	s	P	D	S	T	s	v	С	V	Q	G	Q	С	V	ĸ	-·
	: 2101	agc tcg			+			-+-			+				+			-+-			+	2160
b		A	G	С	D	R	I	I	D	s	K	K	K	F	D	K	C	G	v	С	G	-
	2161	ccc 999			+			-+-			+				+			-+-			+	2220
b		G	N	G	S	T	С	K .	K	Ï	s	G	S	V	Т	S	A	K	P	G	Y	-
	2221	tca agt			+			-+-			+				+			-+-	- -		+	2280
b		Н	D	I	I	T	I	P	T	G	Α	T	N	I	E	v	K	Q	R	N	Q	-
	2281	gag ctc			+			-+-			+				+			-+		- - -	+	2340
b		R	G	s	R	N	N	G	s	F	L	A	I	ĸ	A	A	D	G	T .	Y	I	-
•		tct	taa	tgg	tga	cta	cac	ttt	gtc	cac	ctta	agag	gcaa	aga	cati	tate	gtad	caaa	aggt	gtt	gt	

FIGURE 1 (Sheet 6 of 8)

	2341									 gtg												2400
b		L	N	G	D	Y	Т	L	s	T	L	E	Q	D	I	M	Y	K	G	v	v	-
	2401				+			-+-		ccg	+				+	<u>-</u>		-+-			+	2460
b	·	L	R	Y	S	G	S	S	A	A	L	E	R	I	R	S	F	S	P	L	K	-
	2461				+			-+-		tac atg	+				+			-+-			+	2520
b		E	P	L	T	I	Q	v	L	T	v	G	Ŋ	A	L	R	P	ĸ	I	ĸ	Y	-
	2521			- 	+			-+-		gga cct	+				+			-+-			+	2580
b		Т	Y	F	v .	ĸ	K	K	K	E	S	F	N	A	·I	P	T	F	s	A	W	-
b	2581	cca	 gta	 act	+ tct	 cac	ccc	-+- gct	 tac	aag	att	cag	taca	act	+ taa	ccc	aac	-+- cgt	ctc	ttc	+ tga	2640
b		cca V	gta I aga	act E atg	+ tct E	 cac W	G G	-+- gct E taa	tac C	aag S	K .	cagi s	taca C	ect E	+ taa L	 ccc G	aac W	-+- cgt Q gga	ctc R	ttc R	tga L	-
b		cca V	gta I aga	act E atg	+ E Ccg + ggc	 cac W aga	G Cat	-+- gct E taa -+- att	tac C tgg	aag S	K gccl	cag s	taca C ttca	E cga	+ taa L gtg + cac	G G tgc	 aac W aaa 	-+- cgt Q gga -+- cct	ctc R	ttc R gaa	tga L gcc	
		cca V ggt cca	gta I aga tct	act E atg tac	+ tct E ccg + ggc	cac W aga tct	G G cat gta	-+- gct E taa -+- att	tac C tgg acc	aag S aca tgt	K gcci +	cag s tgc acg	taca C ttcc aagg	E E cga gct	taa L gtg + cac	ccc G tgc acg	aac W aaa ttt	-+- cgt Q gga -+- cct	R agte	ttc R gaa ctt	L gcc + cgg	-
		cca V ggt cca V	I aga tct E cag	E atg tac	+ tct E ccg + ggc R	w aga tct D	G Cat	-+- gct E taa -+- att N	tac C tgg acc G	aag S acag tgt	K gcci+ cggs	s tgc acg	taca C ttcc aagg	E cga	taa L gtg + cac C	G G tgc acg A	aaaa K K K	-+- cgt Q gga -+- cct E	R agt	R gaa ctt K	L gcc + cgg P	-
	2641	ggt cca V	I aga tct E cag	E atg tac	+ tct E ccg + ggc R	w aga tct D	G Cat	-+- gct E taa -+- att N tgc	tac C tgg acc G	acagacagacagagagacagagagacagagagacagagagacagagagacag	K gcci+ cggs	s tgc acg	taca C ttcc aagg	E cga	taa L gtg + cac C	tgc. acg	aaaa K K K	-+- cgt Q gga -+- cct E	R agt	R gaa ctt K	L gcc + cgg P	- 2700 -
b	2641	ggt cca V agc tcg A	gta I aga tct E cag gtc	act E atg tac C cac gtg	+ tct E ccg + gc R cag + gt R	aga 	C ctg	-+- gct E taaa-+- att N tgc acg A	tac C tggg acc G aga tct D ggaa	acagacagacagagagacagagagacagagagacagagagacagagagacag	K gcci+ cggg	s s tgc A A ctgc C C caaa	taca C ttcccca aagg	E ccag	taaa L gtg + cac C gtg: cac W aaag	tgc. G tgc. acg	aaac Waaaac ttt K	-+- cgt Q gga -+- cct E ggg -+- ccc	ctc R agt; tca V	gaage K	tga L gcc+ cgg p gtc cag S cca	- 2700 -

FIGURE 1 (Sheet 7 of 8)

	2821		
	2021	actacctccccacaatagagtactctcgacactaggaaatttctttggatttgtaaagta	
b		D G G V L S H E S C D P L K K P K H F I	-
		\cdot .	
	2881	agacttttgcacaatggcagaatgcagttaagtggtttaagtggtgttagctttgagggc	
		tctgaaaacgtgttaccgtcttacgtcaattcaccaaattcaccacaatcgaaactcccg	
)		D.F.C.T.M.A.E.C.S.*	-
		aaggcaaagtgaggaagggctggtgcagggaaagcaagaaggctggagggatccagcgta	
.,	2941		3000
		ttccgtttcactccttcccgaccacgtccctttcgttcttccgacctccctaggtcgcat	
	2001	tcttgccagtaaccagtgaggtgtatcagtaaggtgggattatgggggtagataga	
	3001	agaacggtcattggtcactccacatagtcattccaccctaatacccccatctatct	3060
	3061		3120
		ctcaacttagtagtctcatttgacggtcaacgtttaaactatcctatcaatca	
		attaacctctgagcagtgatatagcataataaagccccgggcattattattattattct	
	3121	taattggagactcgtcactatatcgtattatttcggggcccgtaataataataataaaga	
	3181	tttgttacatctattacaagtttagaaaaaacaaagcaattgtcaaaaaaagttagaact	3240
		aaacaatgtagataatgttcaaatcttttttgtttcgttaacagtttttttcaatcttga	
		attacaacccctgtttcctggtacttatcaaaatacttaagtatcatgggggttgggaaa	
	3241	taatgttggggacaaaggaccatgaatagttttatgaattcatagtacccccaacccttt	3300
	3301	tgaaaagtaggagaaaagtgagattttacttaagacctgttttactttaccttcactaac	3360
		acttttcatcctcttttcactctaaaatgaattctggacaaaatgaaatggaagtgattg	2200
		aatggggggagaaaggagtacaaataggatctttgaccagcactgtttatggctgctatg	
	3361		3420
		ttacccccctctttcctcatgtttatcctagaaactggtcgtgacaaataccgacgatac	

FIGURE 1 (Sheet 8 of 8)

2421	gtttcagagaatgtttatacattatttctaccgagaattaaaacttcagattgttcaaca	2400
3421	caaagtctcttacaaatatgtaataaagatggctcttaattttgaagtctaacaagttgt	3460
3481	tgagagaaaggetcagcaacgtgaaataacgcaaatggettcetettteettttttggac+ actetettteegagtegttgeactttattgegtttaccgaaggagaaaggaaaaacetg	3540
	catctcagtctttatttgtgtaattcattttgaggaaaaacaactccatgtatttatt	3600
3601	aagtgcattaaagtctacaatggaaaaaaagcagtgaagcattagatgctggtaaaagct+ ttcacgtaatttcagatgttacctttttttcgtcacttcgtaatctacgaccattttcga	3660
3661	agaggagacacaatgagcttagtacctccaacttcctttcttt	3720
3721	ctttgggaatatggatgtaaagaagtaacttgtgtctcatgaaaatcagtacaatcacac+ gaaacccttatacctacatttcttcattgaacacagagtacttttagtcatgttagtgtg	3780
3781	aaggaggatgaaacgccggaacaaaaatgaggtgtgtagaacagggtcccacaggtttgg+ ttcctcctactttgcggccttgtttttactccacacatcttgtcccagggtgtccaaacc	
3841	ggacattgagatcacttgtcttgtggtggggaggctgctgaggggtagc	